

Title (en)

METHOD OF MONITORING THE POWER SPRING OF A SPRING BRAKE ACTUATOR

Title (de)

VERFAHREN ZUR ÜBERWACHUNG DER ANTRIEBSFEDER EINER FEDERSPEICHERBREMSBETÄTIGUNGSVORRICHTUNG

Title (fr)

PROCEDE DE SURVEILLANCE DU RESSORT MOTEUR D'UN CYLINDRE DE FREIN A RESSORT

Publication

**EP 1608543 B1 20060823 (EN)**

Application

**EP 04759753 A 20040324**

Priority

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- US 40369303 A 20030331

Abstract (en)

[origin: WO2004094209A1] A method of monitoring the condition of a power spring of a pneumatic spring brake actuator of a vehicle by comparing the stroke of the push rod during normal braking and by actuating the parking brake, wherein a defective power spring is indicated when the difference in the push rod stroke falls below a predetermined minimum. The brake actuator may also include a sensor determining the push rod stroke and signal a defective power spring.

IPC 8 full level

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CPC (source: EP KR US)

**B60T 17/08** (2013.01 - KR); **B60T 17/085** (2013.01 - EP US); **F16D 65/28** (2013.01 - EP US); **F16D 66/00** (2013.01 - KR); **F16D 2066/003** (2013.01 - EP US); **F16D 2066/005** (2013.01 - EP US); **F16D 2066/006** (2013.01 - EP US); **F16D 2121/02** (2013.01 - EP US); **F16D 2121/12** (2013.01 - EP US); **F16D 2123/00** (2013.01 - EP US)

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